

RESPONSE TO OFFICE ACTION
Serial No. 10/017,658
Title: HALF DENSITY ROM EMBEDDED DRAM

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Attorney Docket No. 400.105US01

REMARKS

Applicant has previously canceled claims 5-7 and 18-20. Claims 1-4, 8-17, and 21-22 remain for consideration in this application. Applicant thanks the Examiner for the allowance of claims 9-13.

Rejection Under 35 U.S.C. § 102

Claims 1-4, 8, 14-17, and 21-22 were rejected 35 U.S.C. §102(b), as being anticipated by *Takasugi* (U. S. Patent No. 5,663,906). Applicant respectfully traverses this rejection.

Applicant can find no reference anywhere in *Takasugi* of any cell which is hard programmed to a particular data state as is recited in claims 1, 14, or 17. Further, there is no assertion in the Office Action of any teaching or disclosure in *Takasugi* of any hard programming of a memory cell to one or the other polarity. Since there has been no assertion of hard programming, and since there has been no showing of hard programming, Applicant submits that the present claims contain limitations not present in the cited art, and therefore, the rejections are improper. Claims 1, 14, and 17 are allowable. Claims 2-4, 8, 15-16, and 21-22 depend from and further define patentably distinct claims 1, 14, or 17, and are also believed allowable.

Information Disclosure Statement

Applicant wishes to make the Examiner aware that applicant is in receipt of an International Search Report from a co-pending PCT application. A Supplemental Information Disclosure Statement is being mailed to the U. S. Patent Office via U. S. mail for filing in the instant application.

Conclusion

In view of the above, Applicant respectfully submits that the claims are in condition for allowance and request reconsideration of the application and allowance of the claims.


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The Examiner is invited to contact Applicant's representatives at direct dial (612) 312-2203 if there are any questions regarding this response or if prosecution of this application may be assisted thereby. No new matter has been added and no additional fee is required by this amendment.

Respectfully submitted,

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